

Climatological Data for April, 1910.
DISTRICT No. 8, TEXAS AND RIO GRANDE VALLEY.

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GENERAL SUMMARY.

The climatological conditions for the district, as a whole, approximated the normal. A moderate excess of temperature occurred both in Colorado and New Mexico, and a general, though nominal deficiency, in Texas. While the precipitation was less than the normal over much the greater portion of the district, there were large areas with more than the average amounts. A conspicuous excess of 1 to 2 inches occurred in a large number of counties in the southwestern and eastern portions of Texas, but this excess was more than offset by a deficiency of 1 to 3 inches in some of the central and upper coast counties of the same State. Practically all the precipitation occurred during the first half of the month. After the 16th, the weather was fair and the sunshine excessive, with the result that the need of additional moisture became pressing in many parts of the district before the close of the month.

The greatest monthly precipitation in Texas was 7.58 inches at Crockett; in New Mexico, 2.70 inches at Harveys Upper Ranch; and in Colorado, 3.70 inches at La Veta Pass. There was practically no precipitation at 9 stations in New Mexico and 3 in Texas, while at 11 other stations, all in New Mexico, the monthly amounts did not exceed 0.10 inch.

Excessive precipitation of 2.50 inches or more in 24 consecutive hours occurred at the following Texas stations: Austin, 2.68; Beeville, 2.65; Blanco, 2.83; Crockett, 3.17; Cuero, 2.95; Del Rio, 2.52; Devine, 3.01; Dialville, 4.10; Hondo, 2.87; Huntsville, 3.25; Mexia, 2.82; Mount Blanco, 2.85; Port Lavaca, 2.73; Runge, 3.59; Sabine, 3.05; San Antonio, 2.51; Temple, 3.10; Uvalde, 2.89; and Victoria, 3.50 inches.

The heaviest monthly snowfall was 28.3 inches in Colorado and 27.8 inches in New Mexico. There was no snow in Texas, except traces in the extreme upper Brazos Valley. Thunderstorms occurred on several days during the fore part of the month and some of them were accompanied by destructive hail. The number of days with .01 inch or more of precipitation averaged 5 in Colorado and Texas, and 3 in New Mexico.

The wind movement was comparatively light, although strong winds occurred on several days, the highest reported being 44 miles per hour at several regular Weather Bureau stations.

TEMPERATURE.

The mean temperature averaged 2.6° above the normal in Colorado, and 1.1° in New Mexico, while in Texas, it was 0.7° below the normal. In general, the latter half of the month was warmer than the fore part, but it had a greater daily range of temperature on account of clear skies and active nocturnal radiation.

There were 3 cold periods during the month, namely, 5d to 6th, 13th to 17th, and 24th to 26th; but none of them covered the entire district. The first 2 were severest in the northwestern and central portions of the district, while the last was felt mostly in the eastern portion. During these cold spells freezing temperatures were recorded in many localities and tender vegetation was considerably damaged or killed altogether.

The extreme temperatures reported were: In Colorado, 80° at Saguache on the 27th, and 8° at Manassa on the 15th, and at Wagon Wheel Gap on the 16th; in New Mexico, 97° at Carlsbad on the 29th, and 2° at Hopewell on the 5th; and in Texas, 103° at Zapata on the 15th, and 26° at Barstow on the 17th. The local monthly means ranged from 37.2° to 47.8° in Colorado; from 35.8° to 64.8° in New Mexico; and from 59.4° to 76.9° in Texas.

PRECIPITATION.

The precipitation over the Rio Grande watershed in Colorado exceeded the normal by 0.14 inch. In New Mexico a slight

deficiency of 0.05 inch occurred, although there were long stretches in that territory with a moderate excess. In Texas the excess averaged 0.47 inch notwithstanding a large deficiency in the upper and lower portions.

The snowfall in the mountains and upper valleys of this watershed reached a maximum depth of 28.3 inches at La Veta Pass, Colo., and of 18 inches at Red River Canyon, N. Mex. There was no snow south of Estancia, N. Mex., except traces. Compared with the preceding month, there was a considerable increase in the amount of precipitation.

A gain occurred also over the Rio Pecos watershed, notwithstanding a general deficiency which averaged 0.20 inch in New Mexico and 0.08 inch in Texas. The snowfall attained a maximum depth of 27.8 inches at Harveys Upper Ranch. There was no snow, except traces, south of Lagunita, N. Mex. A number of stations in this watershed, as well as that of the Rio Grande, had practically no precipitation.

The Texas watersheds showed a decided increase of precipitation over the amounts received during the preceding month, but there were only 3, the Nueces, San Antonio, and Guadalupe, that exceeded the normal. The other 7 had a deficiency which was most pronounced in the coastal plains and over the Brazos watershed. The following are the average monthly amounts in inches for the various watersheds: Nueces, 2.41; San Antonio, 3.49; Guadalupe, 3.64; Lavaca, 2.92; Colorado, 2.47; Brazos, 2.41; Trinity, 3.84; Neches, 3.60; Sabine, 3.12, and coastal plains, 1.97. The heaviest precipitation occurred in portions of the Trinity Valley, with amounts ranging from 4 to 7 inches, while less than 1 inch occurred on the upper coast and in a few isolated localities in the Nueces and Brazos watersheds.

RIVER CONDITIONS.

The rivers of the district carried decidedly larger volumes of water than during the preceding month. The warm weather during April caused extensive melting of the snow in the mountains of New Mexico and Colorado early in the month, and in consequence the Rio Grande carried a large volume of water. Naturally the effect of the warm weather on the snow was first felt in the tributaries rising in the comparatively low mountains of New Mexico and soon extended northward to the high mountains of southern Colorado. In the lower reaches of the river in southern New Mexico there was a steady rise after the 9th, reaching the maximum discharge at the southern border of the Territory on the 30th, fully 30 days in advance of the usual season. At the diversion dam at Fort Selden, N. Mex., 9,000 second-feet passed on the last day of the month. At El Paso the river was only 0.5 foot below flood stage on the 30th and continued to rise slowly, attaining a maximum stage of 15.6 feet, or 0.6 foot above flood stage, on May 5, with a discharge of 12,000 second-feet. The river remained stationary until May 7 when it began to fall slowly. No damage was done by this high water to the Reclamation project and very little to other interests, the most noticeable being the loss of a few acres of alfalfa. The river was about normal in its lower portion, although rises of nearly 6 feet occurred at Eagle Pass, Tex., on the 10th, and of about 3 feet at Zapata farther below, in the beginning of the month.

Of the Texas rivers, the most pronounced increase in volume occurred in the Trinity River, whose average depth was 6.5 feet greater than during the preceding month. Sharp rises occurred in the upper portion of the river on the 9th and 10th, the crest of the high water passing Dallas on the 10th and Liberty in the lower valley on the 20th. At the former place the high-water mark was within 2.3 feet of the flood stage, and at the latter, within 4 feet.

The Brazos and Sabine averaged 3 feet higher than during March, the Colorado 2 feet, and the Guadalupe and Neches less than 2 feet.

The following has been taken from the Reclamation Record for May, 1910:

New Mexico, Carlsbad Project.—The work of maintenance and operation has been continued during the month; and from 150 to 175 second-feet of water have been delivered for irrigation through the canals. Conditions have been favorable for the growing of crops, particularly in the absence of high winds, which have often given much trouble at this season of the year.

New Mexico, Hondo Project.—During April there has been no water in the river and none available for irrigation, no rain having fallen on the watershed during the month.

New Mexico, Leesburg Project.—During April from 275 to 310 second-feet of water have been diverted through the canal and delivered to the lateral ditches of the project. The stage of the river has been quite high during the month, the discharge ranging from 1,500 to 2,000 second-feet. The absence of high winds has been favorable for the growing of crops, and although a late frost damaged fruit to a small extent present conditions indicate that a fair crop will be secured.

MISCELLANEOUS.

A destructive hail storm occurred on the 5th, one mile east of Falfurrias, Tex., causing considerable damage to onions and cotton, and to orange trees. Some of the hailstones were reported as large as hens' eggs.

A heavy rainstorm, accompanied by hail and high wind, passed over Dallas, Tex., on the evening of the 11th. Some of the hailstones weighed from 2 to 3 ounces, and the damage in the city by wind, water, and hail exceeded \$25,000. At one time during the storm a funnel-shaped cloud formed in the southwest moving northeast, and another in the northeast moving south, but neither reached the ground before breaking up.

Killing frosts occurred on the 25th in northern and eastern Texas, causing considerable damage to cotton, corn, and tomatoes.

A meteor of great brilliancy was observed near Boquillas, Tex., about 4 a. m., April 27. The detonation was distinctly heard within a radius of 25 miles. On account of the early hour and the sparse settlements in that section, the phenomenon was not generally observed, and it was impracticable to obtain detailed information.

IRRIGATION IN TEXAS.

(Continued from March Review.)

Gravity Irrigation and Power Company, Bay City, Tex., and Chicago, Ill.—Location, Matagorda County, near Bay City post-office. Aggregate acres served, 30,000.

Hardeman County Irrigation Company, Houston, Tex.

Harlingen Land and Water Company, Harlingen, Cameron County.—Miles of canal, 52.

Hidalgo Canal Company, Hidalgo, Hidalgo County.

Hidalgo Irrigation Company, McAllen, Hidalgo County.—Aggregate acres served, 9,300.

Hillside Land and Irrigation Company, Barstow, Ward County.

Imperial Irrigation Company, Fort Stockton, Pecos County.—The system is now under construction and when completed will serve 50,000 acres. Location, Reeves and Pecos counties, nearest post-office, Grandfalls.

Indiana Cooperative Canal Company, Brownsville.—Aggregate acres served, 4,000; additional acreage that could be supplied by present equipment, 2,000; acreage that can be supplied when system is completed, 25,000. Location, Cameron County, near Brownsville.

La Donna Canal Company, Donna, Hidalgo County.

La Feria Mutual Canal Company, La Feria, Harlingen and Brownsville, Cameron County.—Aggregate acres served, 15,000; additional acreage that could be supplied by present equipment, 15,000. Location, Cameron County, near La Feria and Santa Maria post-offices.

La Gloria Canal Company, Santa Maria, Cameron County.

Lakeside Irrigation Company, Lakeside.—Aggregate acres served, 4,500; additional acreage that could be served by contemplated equipment, 20,000. Location, Colorado and Wharton counties, near Eagle Lake and Lissie post-offices.

Lake Wichita Irrigation and Water Company, Wichita Falls.—

Aggregate acres served, 2,000; additional acreage that could be supplied by present equipment, 1,500; additional acreage that could be served by contemplated equipment, 3,000. A part of the lake, or main reservoir, lies in Archer County, but all canals, etc., are in Wichita County. Lake Wichita, the reservoir of the Lake Wichita Irrigation and Water Company, lies 5 miles south of Wichita Falls, Tex., and covers 3,000 acres. This lake was built by running a dam 7,000 feet long across the valley of Holliday Creek by which it is fed. The lake was built 8 years ago, for the purpose of providing an inexhaustible supply of water for domestic and commercial purposes in Wichita Falls and to protect the agricultural interests of that section against a repetition of the severe droughts which occurred prior to the time of its building. The lake abounds in fish and is the feeding ground for large numbers of ducks and geese in season.

Lakeview Irrigation Company, Quanah, Hardeman County.

Las Isletas Irrigation Company, Laredo, Webb County.

Leon Valley Irrigated Land Company, Sweetwater, Nolan County.

Llano River Irrigation and Milling Company, Junction, Kimble County.

Lometa Cooperative Irrigation Company, Mission, Hidalgo County.

Lone Star Canal Company, Anahuac.—Aggregate acres served, 12,000; additional acreage that could be supplied by contemplated equipment, 20,000. Location, Chambers County near Anahuac.

Loop Land and Irrigation Company, Barstow, Ward County.

McFaddin, Wiess and Kyle Land Company, Beaumont.—Aggregate acres served, 17,500; additional acreage that could be supplied by present equipment, 2,500. Location, Jefferson County, near Guffey, Nederland and Delphine post-offices.

McGee Irrigating Ditch Company, Sterling City, Sterling County.

Masterson Irrigation Company, Houston, Harris County.

Matagorda Canal Company, Bay City, Matagorda County.

Menard Irrigation Company, Menardville, Menard County.

Mission Land Improvement Company, Mission.—Aggregate acres served, 3,000; additional acreage that could be supplied by present equipment, 7,000; additional acreage that could be served by contemplated equipment, 10,000. Location, Hidalgo County, near Mission post-office.

Moore-Cortes Canal Company, Markham, Matagorda County.

Moore's Canal, Labelle.—Aggregate acres served, about 200; additional acreage that could be supplied by present equipment, 1,000; additional acreage that could be supplied by contemplated equipment, 1,000. Location, Jefferson County, near Labelle post-office.

Mud Creek Agricultural and Irrigation Company, Standart, Kinney County.

Neches Canal Company, Beaumont, Jefferson County.

Northern Irrigation Company, Markham, Matagorda County.

Nueces Valley Irrigation Company, Carrizo Springs, Dimmit County.

Old River Rice Irrigation Company, Mont Belvieu, Chambers County.

Orange County Irrigation Company, Orange, Orange County.

Paint Rock Waterworks and Irrigation Company, Paint Rock, Concho County.

Pecos Valley Land and Irrigation Company, Barstow, Ward County.

Polvo Irrigation Company, Presidio, Presidio County.

Port Arthur Rice and Irrigation Company, Port Arthur and

Nederland.—Aggregate acres served, 9,000; additional acreage that could be supplied by present equipment, 3,500. Location, Jefferson County, near Port Arthur, Nederland, and Port Neches post-offices.

Red Bluff Irrigation Company, Midland, Midland County.

Refugio Land and Irrigation Company, Victoria, Victoria County.

Rio Bravo Canal Company, McAllen, Hidalgo County.

Rio Grande Irrigation Company, San Juan, Hidalgo County.

Rio Grande Valley Land Irrigation Company, El Paso, El Paso County.

Rio Grande Valley Reservoir and Irrigation Company, Chapin.

—Aggregate acres served, 100,000. Location, Hidalgo County, near Chapin, San Juan, McAllen, and Mission post-offices.

Rock Island Land and Irrigation Company, Amarillo, Potter County.

San Antonio Irrigation Company, San Antonio.—Aggregate acres served, 1,400; additional acreage that could be supplied by present equipment, 200; additional acreage that could be supplied by contemplated equipment, 1,000. Location, Bexar County, near San Antonio.

San Benito Land and Water Company, San Benito, Cameron County.

[To be continued.]

TABLE I.—Climatological data for April, 1910. District No. 8, Texas and Rio Grande Valley.

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.						Precipitation, in inches.				Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest. Date.	Lowest. Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unnned.	Number of rainy days, .01 inch or more.	Number of partly cloudy days.	Number of cloudy days.			
Colorado.																		
Blanca.	Costilla.	8,403	1	42.1	.....	74	28	12	16†	44	0.90	.....	0.40	4.0	7	15	nw.
Cumbres.	Conejos.	10,015	3	.....	.....	.....	.....	.....	.....	.....	0.23	.....	0.14	9.5	4	12	sw.
Garnett.	Costilla.	7,576	17	44.2	+ 2.8	76	25	15	5	44	1.05	+ 0.71	0.40	4.5	6	14	sw.	
Hermit.	Hinsdale.	9,843	.....	.....	.....	.....	.....	.....	.....	.....	1.29	.....	0.84	16.0	3	11	5
La Veta Pass.	Costilla.	9,000	.....	.....	.....	.....	.....	.....	.....	.....	3.70	.....	1.45	28.3	3	7	w.
Manassa.	Conejos.	7,700	4	42.1†	.....	74	26†	8†	15	46†	1.18	.....	0.37	3.0	6	6†	nw.
Platoro.	do.	9,675	2	.....	.....	.....	.....	.....	.....	.....	1.60	.....	0.64	19.4	8	11	5
Saguache.	Saguache.	7,740	18	47.8	+ 4.6	80	27	13	4	51	0.69	+ 0.18	0.58	1.1	2	10	w.	
San Luis.	Costilla.	7,794	19	44.0†	+ 1.6	73	27†	10	5	46†	0.95	+ 0.11	0.31	4.8	7	14	6	
Wagon Wheel Gap.	Mineral.	8,434	11	37.2	+ 1.5	71	27	8	16	53	0.80	- 0.43	0.40	6.0	2	23	n.	
New Mexico.																		
Agricultural College.	Dona Ana.	3,863	44	60.8	- 0.4	93	28	34	17	49	0.10	- 0.07	0.08	0.0	2	20	0	
Alamogordo (near).	Otero.	4,338	9	60.5	.....	90	27	30	5	42	0.12	- 0.53	0.06	T.	2	20	1
Alamogordo.	do.	4,320	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....	0.0	0	.....	.....	.....
Albuquerque.	Bernalillo.	5,200	34	59.4	+ 3.3	88	27	30	4	38	0.55	+ 0.05	0.28	0.0	6	17	5	
Ancho.	Lincoln.	6,112	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....	0.16	5	9	5	
Artesia.	Eddy.	3,350	.....	61.5	.....	95	28	27	5	50	0.21	.....	0.14	0.0	2	20	5
Aspen Grove Ranch.	Rio Arriba.	9,000	.....	.....	.....	.....	.....	.....	.....	.....	1.30	.....	0.51	10.4	7	7	se.
Bateman's Ranch.	do.	8,900	.....	.....	.....	.....	.....	.....	.....	.....	0.98	.....	0.34	3.4	3	15	w.
Bluewater.	Valencia.	6,732	8	46.6	.....	79	26	15	1	51	T.	.....	0.0	0	13	11	6
Boaz.	Chaves.	9,000	1	57.6	.....	92	28	22	5	53	0.06	.....	0.06	0.0	1	16	2
Capitan.	Lincoln.	6,348	.....	64.4	+ 0.7	97	29	29	5†	51	0.12	- 0.53	0.68	0.0	3	21	3
Carlsbad.	Eddy.	3,120	15	54.4	.....	86	29	29	5†	51	0.35	.....	0.35	T.	1	19	0
Carrizozo.	Lincoln.	5,429	2	54.2	.....	94	29	24	4	43	1.05	- 0.47	0.33	.....	6	20	5
Chama.	Rio Arriba.	7,851	11	43.8	+ 1.5	76	27	9	15	43	0.02	.....	0.0	0	2	15	7
Cloudcroft.	Otero.	8,650	7	.....	.....	.....	.....	.....	.....	.....	T.	.....	0.0	0	16	12	2
Corona.	Lincoln.	6,666	.....	.....	.....	.....	.....	.....	.....	.....	T.	.....	0.24	0.0	1	19	w.
Coyote.	do.	5,900	.....	.....	.....	.....	.....	.....	.....	.....	0.24	.....	0.24	0.0	3	21	8
Cundiyo.	Santa Fe.	6,888	1	.....	.....	.....	.....	.....	.....	.....	0.58	.....	0.30	0.0	7	13	w.
Demonstration Farm.	San Miguel.	6,800	1	.....	.....	.....	.....	.....	.....	.....	0.58	.....	0.55	0.0	3	11	w.
Duran.	Torrance.	6,272	1	.....	.....	.....	.....	.....	.....	.....	T.	.....	0	0	24	2	4
Edison Mine.	Taos.	10,600	.....	.....	.....	.....	.....	.....	.....	.....	0.02	.....	0.01	0.0	2	15	w.
Elida.	Roosevelt.	4,345	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	0.04	0.0	1	15	5
Elk (near).	Chaves.	11	.....	.....	.....	.....	.....	.....	.....	.....	0.30	.....	0.20	0.0	2	16	5
Escondido.	Otero.	4,014	.....	.....	.....	95	28	21	14	51	0.63	- 0.19	0.45	0.0	5	23	1
Espanola.	Rio Arriba.	5,590	12	52.7	+ 1.4	86	28†	21	5†	51	0.24	.....	0.10	1.0	10	2	6
Estancia.	Torrance.	6,140	5	51.4	.....	85	27	11	4	53	0.44	- 0.14	0.17	T.	5	19	c.
Fort Stanton.	Lincoln.	6,231	32	51.8	+ 0.5	86	28	19	1†	50	0.34	.....	0.21	0.0	2	28	1
Fort Sumner.	Guadalupe.	3,960	7	58.3	.....	94	29	24	4	43	0.47	.....	0.15	0.0	4	18	nw.
Gallinas.	Lincoln.	6,635	.....	.....	.....	.....	.....	.....	.....	.....	1.53	.....	0.75	11.6	9	7	w.
Gallinas Planting Station.	San Miguel.	7,500	3	45.4	.....	73	20†	12	16	43	0.60	.....	0.67	27.8	9	11	se.
Harvey's Upper Ranch.	Sierra.	9,400	1	58.5	+ 1.0	89	20	27	3	52	0.05	- 0.29	0.05	T.	1	21	5	
Hillsboro.	Taos.	5,224	13	58.5	.....	84	28	16	5†	49	0.27	.....	0.22	0.0	1	20	w.
Hodges.	Chaves.	8,484	1	59.8	.....	94	28†	23	5†	51	0.04	.....	0.04	0.0	1	22	4
Hondo Reservoir.	Lincoln.	3,904	1	59.8	.....	62	27	2	5	45	0.76	.....	0.43	7.7	6	6	11
Hope.	Eddy.	9,500	3	55.8	.....	85	27	2	5	45	0.76	.....	0.43	7.7	6	6	nw.
Hopewell.	Rio Arriba.	6,100	.....	55.8	.....	85	28	28	5	46	1.21	.....	0.65	2.0	4	21	w.
Jemez Springs.	Sandoval.	5,840	5	53.8	.....	88	28†	23	5	46	0.23	.....	0.14	1.5	3	13	w.
Laguna.	Valencia.	4,500	5	55.8	.....	94	28	28	5	51	0.36	.....	0.23	T.	3	14	sw.
Lagunita.	Guadalupe.	5,413	5	51.2	.....	83	28	16	5†	49	0.98	- 0.02	0.45	2.0	8	17	w.
Lake Valley.	Santa Fe.	6,384	23	49.4	- 0.2	83	28	16	5†	49	0.22	.....	0.22	0.0	1	20	7
Las Vegas.	do.	5,224	13	58.5	.....	89	20	27	3	52	0.05	.....	0.50	T.	2	18	w.
Liston.	Chaves.	4,900	20	55.4	- 0.9	92	28	24	5	50	0.06	.....	0.59	0.06	0	19	9
Los Lunas (near).	Valencia.	4,900	20	55.4	- 0.9	92	28	24	5	50	0.06	.....	0.59	0.06	0	19	9
Los Tanos.	Guadalupe.	4,919	8	51.2	.....	87	28	20	10	46	1.32	.....	0.47	T.	6	24	3
Magdalena.	Socorro.	6,557	5	51.2	.....	96	28	34	5†	44	T.	.....	0.0	0	20	0	w.
Malaga.	Eddy.	3,000	.....	51.2	.....	84	28	18	5	50	0.55	.....	0.50	T.	2	18	w.
Mineral Hill.	San Miguel.	7,050	5	51.2	.....	93	27	32	5	44	1.53	.....	1.00	3.0	3	12	4
Monterey.	Otero.	4,436	.....	51.2	.....	90	27	29	5	44	0.15	.....	0.15	0.0	1	21	2
Monument.	do.	3,500	4	51.2	.....	87	28	20	10	46	1.32	.....	0.47	T.	6	24	3
Mountainair.	Torrance.	6,647	8	51.2	.....	87	28	27	5†	44	T.	.....	0.0	0	20	0	sw.
Newman.	Otero.	3,989	.....	51.2	.....	96	28	34	5†	44	T.	.....	0.0	0	26	5	w.
Noria.	Dona Ana.	4,114	.....	51.2	.....	93	27	29	5	44	0.12	.....	0.10	0.0	0	17	1
Orange.	Otero.	4,171	.....	51.2	.....	90	27	29	5	44	T.	.....	0.0	0	17	12	w.
Orogrande.	do.	5,016	1	51.2	.....	87	28	27	5†	44	0.10	.....	0.05	0.0	3	20	s.
Oscuro (near).	Lincoln.	3,100	1	51.2	.....	87	28	16	5	50	0.11	.....	0.07	0.0	2	26	2
Otto.	Santa Fe.	6,200	1	51.2	.....	87	29	16	5	50	0.78	.....	0.58	0.0	4	20	2
Pastura.	Guadalupe.	5,285	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Picacho (near).	Taos.	8,650	2	40.3	70	28	7	16	44	1.46	0.80	18.0	6	9	17	e.
Rod River Canyon.	Dona Ana.	4,030	12	61.3	+ 0.9	94	27†	29	5	54	0.41	+ 0.23	0.41	0.0	1	15	9	w.
Rincon.	Sierra.	4,265	12	61.6	+ 2.6	92	27	28	5	45	0.99	+ 0.62	0.72	0.0	3	18	9	sw.
Rio Grande Dam.	Socorro.	6,910	5	50.8	80	28	22	16	36	1.11	0.95	T.	4	22	0	w.
Rosedale.	Chaves.	3,578	12	59.6	- 1.0	83	29	27	5	50	0.08	- 0.41	0.06	0.0	4	21	5	sw.
Roswell.	Socorro.	4,439	14	60.5	+ 1.2	92	27†	28	4	49	0.10	- 0.14	0.10	0.0	1	14	11	sw.
San Marcial.	Valencia.	6,509	6	51.2	80	28	18	5	44	1.53	0.80	18.0	6	9	17	e.
San Rafael.	Santa Fe.	7,013	37	47.6	0.0	75	28	18	16	36	0.99	+ 0.13	0.44	0.5	9	20	8	e.
Santa Fe.	do.	8,000	51.2	80	28	28	5	44	0.99	0.61	2.0	7	17	12	w.
Santa Fe Canyon.	Guadalupe.	4,624	10	58.7</													

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				Mean.	Departure from the normal.	Highest.	Date.	Lowest.	Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unsealed.	Number of rainy days, 01 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.			
Texas.																					
Abilene.	Taylor.	1,738	25	65.8	+ 1.8	94	21	38	25	43	1.31	- 0.97	1.01	0.0	4	17	5	8	s.	U. S. Weather Bureau.	
Albany.	Shackelford.	1,429	16	63.2	- 1.1	94	21	31	25	51	2.78	+ 0.67	2.11	0.0	4	21	3	6	nw.	N. L. Bartholomew.	
Alvin.	Brazoria.	49	11								0.92	- 2.68	0.65	0.0	2	13	7	10		F. A. Smith.	
Anahuac.	Chambers.	23	1								0.56		0.30	0.0	2					B. H. Collins.	
Austin.	Travis.	593	24	67.1	- 1.6	86	28	42	25	55	4.82	+ 0.89	2.66	0.0	3	18	6	6	e.	A. Deussen.	
Ballinger.	Runnels.	1,637	15	64.8	+ 0.3	96	30	37	25	48	2.94	+ 0.69	2.22	0.0	4	20	5	5	se.	E. M. Eubank.	
Barstow.	Ward.	2,573	3	63.2		99	29	26	17	61	T.		T.	0.0	0	24	5	1	se.	E. C. Quereau.	
Bay City.	Matagorda.	53									2.34		1.25	0.0	4	17	4	9	s.	John Bender.	
Beaumont.	Jefferson.	29	13	69.1		89	28	37	25	56	0.68	- 2.93	0.49	0.0	4	20	0	10		L. E. Dickey.	
Beeville.	Bee.	225	14	70.4	- 0.6	96	15	45	25	40	4.55	+ 1.91	2.65	0.0	5	21	3	6	s.	B. Reagan.	
Big Springs.	Howard.	2,306	12	66.6		97	30	34	16	44	1.00	- 0.46	0.71	0.0	5	21	3	6	s.	R. C. Crist.	
Blanco.	Blanco.	1,380	14	61.8	- 2.4	85	30	37	20	58	5.00	+ 1.05	2.83	0.0	6	17	4	4	s.	F. W. Schweppe.	
Boerne.	Kendall.	1,412	18	67.4	+ 0.3	90	27	35	5	40	3.38	- 0.33	1.98	0.0	7	15	7	8	se.	T. R. Booth.	
Booth.	Fort Bend.	81	9								1.52		0.70	0.0	6	19	0	11	e.	Craig Anderson.	
Bowie.	Montague.	1,113	16	65.4	+ 1.0	92	28	33	25	43	3.46	+ 0.69	1.80	0.0	5	15	8	8	s.	Mrs. M. A. Stevens.	
Brazoria.	Brazoria.	25	21	68.0	- 1.1	94	27	40	6	49	1.07	- 2.51	0.55	0.0	8	24	1	5	s.	Robt. E. Boyett.	
Brazos.	Palo Pinto.	801	1								3.03		1.18	0.0	5	19	9	2	s.	Mrs. B. F. Sloan.	
Brenham.	Washington.	350	21	67.7	- 1.5	90	28	39	25	43	3.65	- 0.14	1.44	0.0	8	15	5	10	n.	Wm. M. Wilkinson.	
Bridgeport.	Wise.	754	1								3.65		1.34	0.0	5	23	3	2	s.	G. H. Ritter.	
Brighton.	Nueces.	12	14	72.4	+ 1.9	95	14	48	17	32	1.02	- 0.78	0.60	0.0	4	17	13	0	se.	U. S. Weather Bureau.	
Brownsville.	Cameron.	38	21	73.2	0.0	94	14	46	17	42	0.81	- 0.38	0.53	0.0	3				s.	R. B. Loggins.	
Brownwood.	Brown.	1,342	20	63.6	- 1.5	92	21†	35	25	52	1.29	- 1.74	0.35	0.0	5	19	9	2	n.	Mrs. Sophie Bridge.	
Cameron.	Milan.	3		67.4		92	28	36	25	48	4.63		1.76	0.0	9	19	9	2	s.	A. D. Brown.	
Carmona.	Polk.	330	2	65.7		89	28	31	25	45	3.22		1.23	0.0	9	18	6	6	s.	M. S. Spitzer.	
Claytonville.	Fisher.	2,100	6	66.8		94	29†	31	25	53	0.80		0.47	0.0	3	22	4	4	s.	Wm. Lanius.	
Coleman.	Coleman.	1,710	16	65.2	+ 1.4	88	28†	40	25	56	1.65	- 0.90	0.93	0.0	4	21	3	6	s.	J. H. Tucker.	
College Station.	Brazos.	308	19	67.6	- 0.4	88	27†	37	25	42	4.25	+ 0.91	1.88	0.0	8	19	6	5	s.	Prof. G. S. Fraps.	
Colorado.	Mitchell.	2,066	16								2.80		0.78	0.0	7	14	6	10	nw.	R. M. Webb.	
Columbia.	Brazoria.	34	21	67.8	- 1.5	90	12†	40	6†	43	1.06	- 1.84	0.56	0.0	4	16	10	4	s.	E. L. Gibson.	
Comstock.	Colorado.	206	6								3.02		1.50	0.0	5	19	8	8	s.	A. M. Rencher.	
Corpus Christi.	Valverde.	1,557	1								3.20		1.05	0.0	4	17	5	6	nw.	H. R. Frobes.	
Corsicana.	Nueces.	20	23	70.6	- 0.3	91	14	54	17	31	2.58	+ 0.78	1.89	0.0	6	14	8	8	se.	G. A. Eisenlohr.	
Crockett.	Navarro.	445	21	65.2	- 1.0	92	28	35	25	52	2.65	- 1.01	1.80	0.0	3	19	5	6	s.	H. P. Hermansen.	
Houston.	Houston.	350	6	66.0		90	17	33	25	42	7.58		3.17	0.0	8	18	8	4	s.	Fort Worth & Denver Ry.	
Cuero.	DeWitt.	177	21	68.4	- 1.3	91	27	43	5†	43	3.99	+ 1.11	2.95	0.0	6	18	0	12	n.	J. C. Edgar.	
Dallas.	Dallas.	466	21	64.0	- 1.0	90	28	35	25	47	4.75	+ 2.25	1.75	0.0	8	16	2	12	s.	John Metcalfe.	
Danevang.	Wharton.	145	14	66.6d	- 1.7	88	13†	38d	23	41d	2.85	- 1.03	1.75	0.0	3	20	3	7	se.	E. L. Faires.	
Decatur.	Wise.	1,047	4								4.20		1.50	0.0	5	19	8	8	s.	U. S. Weather Bureau.	
Del Rio.	Valverde.	952	4	69.4	- 0.6	92	21	43	5	44	4.34	+ 0.36	2.52	0.0	5	19	5	6	se.	I. O. Shafer.	
Devine.	Medina.	653	1	71.0		93	27	42	5†	47	4.34		3.01	0.0	3	20	4	6	se.	M. A. Keller.	
Divisille.	Cherokee.	575	12	65.9		88	28	34	25	40	6.18	+ 1.47	4.10	0.0	7	16	9	5	s.	J. M. B. McKnight.	
Dilley.	Frio.	569									3.20		1.05	0.0	4	17	5	6	s.	John W. Miller.	
Dublin.	Erath.	1,466	15	64.0	+ 0.5	89	27	34	25	39	3.11	- 0.11	0.97	0.0	7	17	5	8	w.	J. C. Edgar.	
Duval.	Travis.	820	21	68.4	- 2.5	88	28	39	25	37	2.55	- 1.34	1.31	0.0	7	16	3	11	n.	W. A. Gardner.	
Eagle Pass.	Maverick.	800	21	70.7	- 2.3	99	18	43	16	48	2.32	+ 0.62	1.55	0.0	4	5	19	6	n.	Fred W. Lauk.	
Edna.	Jackson.	71	1								3.02		1.70	0.0	3	17	7	6	s.	F. C. C. Carter.	
El Paso.	El Paso.	3,782	31	63.6	- 0.2	92	28	34	18	38	1.31		1.05	0.0	2	20	8	2	w.	Post Hospital.	
Encinal.	La Salle.	558	23	73.5		90	21	46	6	44	0.35		0.30	0.0	2	15	8	7	e.	H. C. Braden.	
Fairland.	Burnet.	1,000	1	65.7		91	29	34	25	44	2.57		1.59	0.0	6	18	3	9	n.	R. L. Bush.	
Falfurrias.	Star.	3		72.0		93	14†	45	25	45	3.18		0.94	0.0	5	18	8	12	se.	W. J. Crowley.	
Flatonia.	Fayette.	465	2	68.8		91	27	40	25	38	2.06		1.29	0.0	7	15	6	9	s.	J. P. Regan.	
Flint.	Smith.	493	5	65.0		89	21	32	25	42	4.79		1.66	0.0	11	17	7	6	s.	D. R. Edds.	
Fort Clark.	Kinney.	1,050	23	68.84	- 2.3	91	27	44	4	38	4.84	+ 3.05	1.90	0.0	4	19	6	5	se.	J. M. Johnson.	
Fort McIntosh.	Webb.	460	24	76.9	+ 2.1	98	27	50	1	38	1.12	- 0.59	0.80	0.0	5	20	1	1	se.	C. W. Johnson.	
Fort Stockton.	Pecos.	3,050	13	67.0	+ 3.8	98	27	51	1	44	4.55	- 0.38	0.22	0.0	3	18	9	3	se.	F. E. Whitemore.	
Fort Worth.	Tarrant.	670	15	64.6	- 0.7	90	28	33	25	40	2.65		0.00	1.66	0.0	8	15	10	5	nw.	Arthur Striegler.
Fredericksburg.	Gillespie.	1,742	21	65.2*	- 0.6	89d	29	40	25	39	2.66	- 0.81	1.84	0.0	5	19	6	5	s.	J. L. Hickson.	
Gainesville.	Cooke.	738	21	63.8	0.0	90	28	33	25	43	3.68	+ 0.04	1.05	0.0	7	17	7	6	s.	U. S. Weather Bureau.	
Galveston.	Galveston.	69	40	69.1	+ 0.4	81	17	45	25	40	2.92	- 2.21	0.91	0.0	3	16	10	4	se.	John Ryan.	
Gatesville.	Corry.	795	6	65.4		85	13†	33	25	46	0.80		0.70	0.0	2	22	8	0	o.	Prot. R. F. Young.	
Georgetown.	Williamson.	750	15	65.2	- 1.1	90	27†	34	25	43	3.31	- 0.67	1.27	0.0	7	18	3	9	s.	J. M. Johnson.	
Gonzales.	Gonzales.	299	5								3.05		1.50	0.0	4	14	0	16	s.	C. W. Johnson.	
Graham.	Young.	1,040	11	65.8	+ 0.6	94	21†	32	25	52	1.68	- 0.77	0.80	0.0	5	19	5	6	n.	F. E. Whitemore.	
Grand Saline.	Van Zandt.	3									2.55		1.24	0.0	8	15	10	5	s.	W. J. Crowley.	
Grapevine.	Tarrant.	670	20	66.8	+ 1.4	91	28	35	25	42	3.49	+ 0.22	1.43	0.0	6	12	9	9	s.	J. P. Regan.	
Greenville.	Hunt.	550	10	65.0	+ 0.8	90	28†	33	26	49	3.10	- 1.16	1.10	0.0	6	15	0	15	c.	Dr. J. E. Lay.	
Hallettaville.	Levaca.	235	19	67.1	- 3.2	86	29	44	20†	37	2.83	- 0.58	1.66	0.0	6	17	5	8	s.	Christian Fritts.	

TABLE I.—*Climatological data for April, 1910. District No. 8—Continued.*

Stations.	Counties.	Elevation, feet.	Length of record, yrs.	Temperature, in degrees Fahrenheit.					Precipitation, in inches.					Sky.	Prevailing wind direction.	Observers.		
				Mean.	Departure from the normal.	Highest. Date.	Lowest. Date.	Greatest daily range.	Total.	Departure from the normal.	Greatest in 24 hours.	Total snowfall unmeasured.	Number of rainy days 0.1 inch or more.	Number of clear days.	Number of partly cloudy days.	Number of cloudy days.		
Texas—Cont'd.																		
Marble Falls	Burnet.	771	2						3.70		1.36	0.0	6	18	1	11		
Marfa.	Presidio.								0.00		0.00	0.0	0				R. K. Colquitt.	
Marshall.	Harrison.	375	1	64.6		87 28	32 25	42 4.69		2.45	0.0	9	8	18	4	s.	Lee Scott.	
Mexia.	Limestone.	537	6	64.2		88 28	33 25†	47 5.07		2.82	0.0	7	14	9	7	w.	Miss Josephine Newman.	
Midland.	Midland.		3										21	9	0	sw.	H. J. Elder.	
Mont Belvieu†.	Chambers.	65							0.87		0.38	0.0	5	16	8	6	s.e.	A. R. Shearer.
Mt. Blanco.	Crosby.	2,750	23	61.4	+ 0.8	93 29	32 6†	46 2.85	— 0.94	2.85	0.0	1	17	3	10	n.	H. C. Smith.	
Nacogdoches.	Nacogdoches.	271	11	63.4	- 2.3	88 28	34 25	42 4.22	+ 0.43	1.90	0.0	4	17	5	8	s.	Miss Mary Hofmann.	
New Braunfels.	Comal.	720	21	67.6	- 0.9	88 27	43 6	36 3.70	+ 0.10	2.14	0.0	5	17	6	7	n.	J. Giesecke.	
Palestine.	Anderson.	510	28	65.1	- 0.8	85 28	34 25	33 3.64	- 0.44	2.32	0.0	9	15	11	4	s.	U. S. Weather Bureau.	
Panter.	Hood.	1,000	20						1.59	- 1.68	0.57	0.0	7				E. H. Snider.	
Pearl.	Frio.	829							1.06		0.93	0.0	4				H. E. Walker.	
Pierce.	Wharton.	102	4	62.8		83 29	36 26	38 3.85	— 2.07	0.82	0.0	5	15	11	4		R. B. Pointer.	
Plainview.	Hale.	3,370	2	59.4		95 29	27 5	43 1.09		0.70	T.	3	21	7	2	n.	J. F. Sander.	
Port Lavaca.	Calhoun.	20	9	70.6		93 18	48 20†	39 4.11		2.73	0.0	4	19	10	1	s.	J. H. Bickford.	
Ricardo.	Nueces.	57	1	71.6		92 14†	45 25	40 2.46		1.10	0.0	8	16	10	4	se.	Lindsay Waters.	
Riverside.	Walker.	169	6						4.47		1.54	0.0	6	13	1	16	Mrs. C. W. Higdon.	
Robert Lee.	Coke.	1,850	2	63.1		97 30	36 16	47 1.35		0.85	0.0	4	21	5	4	s.	H. D. Pearce.	
Rockland.	Tyler.	138	8						2.40		1.40	0.0	4	16	0	14	D. W. Bellamy.	
Rossville.	Atascosa.	558	3	70.1		98 28	36 26	53 2.52		2.01	0.0	4	13	13	4	se.	W. F. M. Ross.	
Runge.	Karnes.	308	15						3.77	+ 0.41	3.59	0.0	2				Reiffert & Frobese.	
Sabinal.	Uvalde.	964	6	69.6		91 18†	44 17	43 3.50		3.05	0.0	4	16	4	10	e.	Jas. Johnson.	
San Angelo.	Tom Green.	1,847	2	65.2		98 30	37 5	43 2.00		1.05	0.0	4	19	8	3	s.	Sam Crowther.	
San Antonio.	Bexar.	701	25	69.5	+ 0.5	91 27	46 25	38 3.31	+ 0.37	2.51	0.0	5	17	6	7	se.	U. S. Weather Bureau.	
San Augustine.	San Augustine.	360	1	64.4†		90 ^b 28	31 ^b 25	46 ^b 1.65		0.46	0.0	5	15	8	7	s.	F. A. Wilson.	
San Juanito†.	Hidalgo.			75.2		97 14	49 16†	44 2.11		0.62	0.0	6	13	1	16	se.	J. B. McAllen.	
San Marcos.	Hays.	588	17	66.8	- 1.0	87 28	43 6†	40 3.80	+ 0.18	2.25	0.0	4	14	0	16	n.	Miss L. C. Ford.	
San Saba.	San Saba.	1,712	6	64.0		89 28	35 6†	47 3.07		2.29	0.0	4	20	8	2	s.	Jas. Burns.	
Santa Gertrudes.	Nueces.		8						2.55		1.25	0.0	5				J. B. Wright, jr.	
Seymour.	Baylor.	1,180	4	64.4		94 23†	32 25	48 2.04		0.91	0.0	5	22	5	3	s.	F. M. Deaver.	
Somerville.	Burleson.	251	1	69.8		90 29†	37 25	48 0.28		0.09	0.0	5	13	0	17	s.	W. A. Dolan.	
Sonora.	Sutton.	2,200	7	63.8		92 30	33 6	53 1.99		0.51	0.0	6	9	18	3	s.	Mike Murphy.	
Sugarland.	Fort Bend.	79	12						3.37	- 0.89	1.35	0.0	3	24	1	5	s.	O. M. Bakke.
Taylor.	Williamson.	583	9	66.6	- 0.9	88 28	37 25	39 2.13	- 1.84	1.43	0.0	8	17	3	10	s.	U. S. Weather Bureau.	
Temple.	Bell.	630	16	68.0	+ 1.6	90 27†	38 25	36 3.67	- 0.29	3.10	0.0	6	13	7	10	s.	H. D. Patterson.	
Tilden.	McMullen.		4														Wm. Kuykendall.	
Tivoli.	Refugio.								2.51		1.55	0.0	3	10	8	12		W. H. Gisler.
Uvalde.	Uvalde.	937	2	70.2		93 18†	43 17†	46 3.27		2.89	0.0	4	13	14	3	se.	F. M. Getzendaner.	
Valley Junction.	Robertson.	289	5						4.68		1.30	0.0	7	19	1	10	n.	T. M. Williams.
Victoria.	Victoria.	187	12	69.6	- 3.1	92 27	45 25	38 4.43	+ 1.21	3.50	0.0	7	17	0	13	s.	C. C. Zirjacks.	
Waco.	McLennan.	424	21	65.3	- 2.3	88 28	38 25†	44 1.36	- 3.30	0.88	0.0	4	15	1	14	s.	E. H. Hall.	
Waxahachie.	Ellis.	556	14	64.2	0.0	93 28	30 25	51 2.76	- 0.13	1.79	0.0	4	15	6	9	s.	C. D. Longserre.	
Weatherford.	Parker.	844	21	64.1	- 1.3	89 29†	35 25	42 3.67	- 0.12	1.06	0.0	7	20	6	4	s.	Miss J. Stickfort.	
Wharton.	Wharton.	105	8						1.79		1.16	0.0	3				Mrs. F. M. Hughes.	
Wills Point.	Van Zandt.	524	5	63.7		87 13†	30 24	45 1.98		0.80	0.0	5	21	4	5	s.	W. W. Gibbard.	
Zapata.	Zapata.	300	1	78.0		103 15	43 17	48 0.41		0.31	0.0	2	17	4	9	se.	F. H. Earliest.	

*, †, ‡, etc., indicate, respectively, 1, 2, 3, etc., days missing from the record.

* Precipitation included in that of the next measurement.

** Temperature extremes are from observed readings of the dry-bulb; means are computed from observed readings.

† Also on other dates.

‡ Separate dates of falls not recorded.

Data are from standard instruments not supplied by the U. S. Weather Bureau.

§ Instruments are read in the morning; the maximum temperature then read is charged to the preceding day, on which it almost always occurs.

** Estimated by observer.

|| Precipitation for the 24 hours ending on the morning when it is measured.

T. Precipitation is less than 0.01 inch rain or melted snow.

TABLE 2.—*Daily precipitation for April, 1910. District No. 8, Texas and Rio Grande Valley.*

TABLE 2.—*Daily precipitation for April, 1910. District No. 8—Continued.*

Stations.	River basins.	Day of month.																																
		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
Texas—Cont'd.																																		
Bay City.	Colorado.	.15																																2.24
Beaumont|||.	Neches.	.07																															0.68	
Beeville|||.	Coast.	.85	.12	.13	T.																												4.55	
Big Springs.	Colorado.	.02																															1.00	
Blanco|||.	Guadalupe.	.62	.36	.06																													5.00	
Boerne.	San Antonio.	.55	T.	.05																													3.38	
Booth|||.	Brazos.	.30	.08	.09	.70																												1.52	
Bowie.	Trinity.	.50	.72	T.																													3.46	
Brazoria.	Brazos.	.01			.02	.30	.01																									1.07		
Brazos|||.	do.	.72	1.18																														3.03	
Brenham|||.	do.	.40	1.44	T.	.16	.59																										3.65		
Bridgeport|||.	Trinity.	.57	.80																														3.65	
Brighton.	Coast.	.09																															1.02	
Brownsville.	Rio Grande.	.24	T.	.53																													0.81	
Brownwood|||.	Colorado.	.35	.35	T.																													1.29	
Cameron|||.	Brazos.	1.03	.45	.10	.13	T.																										4.63		
Carmona.	Neches.	T.	.14	.80	.42																											3.22		
Claytonville.	Brazos.	.28	.05																														0.80	
Coleman.	Colorado.	.93	.37																														1.65	
College Station.	Brazos.	.32																															4.28	
Colorado.	Colorado.																																1.06	
Columbia.	Brazos.	T.																															2.80	
Columbus|||.	Colorado.	.78	.50																														1.18	
Comstock.	Rio Grande.																																2.85	
Corpus Christi.	Coast.	T.	T.	.02	.30																											2.58		
Corsicana|||.	Trinity.	.48	.33	.04	.10																											2.65		
Crockett.	do.	.07	1.33	.17	.20																												7.58	
Cuero|||.	Guadalupe.	.89	.08	.05																													3.99	
Dallas|||.	Trinity.	.23	1.34	.51																													5.76	
Danevang.	Coast.																																2.85	
Docatur.	Trinity.	.48	1.02																														4.20	
Del Rio.	Rio Grande.	.20	.10																														3.66	
Devine.	Nueces.	.23	T.																														3.34	
Dialville.	Neches.	.22		2.54	.10																												6.18	
Dilley.	Nueces.	.25	.50																														3.20	
Dublin|||.	Brazos.	.40	.97	.94																													3.11	
Duval.	Colorado.	.60	.05	T.	T.																												2.55	
Eagle Pass.	Rio Grande.	.10	.10																														2.22	
Edina.	Lavaca.																																3.02	
El Paso.	Rio Grande.	.05																																T.
Encinal.	Nueces.	.22	.09	T.	T.																												0.35	
Fairland.	Colorado.	.44																															2.57	
Falfurrias.	Coast.	.05	.20																														3.18	
Flatonia.	Guadalupe.	.07	.49	.26	1.66	.77																										2.08		
Flint.	Neches.	.63																															4.79	
Fort Clark|||.	Rio Grande.	.08																															4.84	
Fort McIntosh.	do.	.36																															1.12	
Fort Stockton.	Pecos.	T.	.11																														0.39	
Fort Worth.	Trinity.	.91	.87	T.	.08																											2.65		
Fredricksburg.	Colorado.	.14	.17																														2.66	
Gainesville.	Trinity.	.08	.81																														3.68	
Galveston.	Coast.	.70	.10																														0.80	
Gateaville.	Brazos.	.80	.15	T.	.53																											3.29		
Georgetown|||.	Guadalupe.	.48	.07																														3.31	
Gonzales|||.	Brazos.	.59	.88	.10																													1.68	
Graham.	Sabine.	.19	.80	.15	.45																											3.05		
Grand Saline.	Trinity.	.15	1.43	T.	.10																											3.49		
Grapevine|||.	Brazos.	.10	.30	.35																												3.10		
Greenville|||.	Sabine.	.12	T.	.12	.63																											2.83		
Hallettsville.	Lavaca.	.25	.15																														2.55	
Harper.	Colorado.	.10																															1.23	
Hedronville.	Coast.																															1.30		
Hempstead|||.	Brazos.	.14	T.	T.	1.40																											2.50		
Henderson.	Neches.	.08	.26	.03	T.																											4.64		
Hewitt.	Brazos.	.63	.42																													0.92		
Hillsboro.	do.	.26																														3.39		
Hondo.	Nueces.																															3.81		
Houston.	Coast.	.02	.03	.64																													0.80	
Huntsville|||.	T.	.34	T.	.25																												6.48		
Jewett|||.	T.	.28	.17	.47																												4.20		
Junction.	Colorado.	1.00	.40																													1.81		
Kaufman.	Trinity.	.10	.70	.25	.16				</td																									

TABLE 2.—*Daily precipitation for April, 1910. District No. 8—Continued.*

MONTHLY WEATHER REVIEW.

APRIL, 1910

TABLE 3.—Maximum and minimum temperatures at selected stations, April, 1910. District No. 8, Texas and Rio Grande Valley.

Date.	Colorado.										New Mexico.										Texas.									
	Garnett.	San Luis.	Agricultural College.		Carlsbad.		Fort Stanton.		Mountainair.		Rosedale.		Roswell.		Santa Fe.		Santa Rosa.		Abilene.		Big Springs.		Brownsville.		Corpus Christi.					
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.			
1.	56	18	59	20	68	39	61	47	62	19	66	23	57	27	67	36	56	30	71	26	57	49	68	48	82	62	74	70		
2.	63	21	58	29	74	36	30	67	25	68	32	65	32	73	40	61	30	74	52	76	56	78	52	81	66	75	70			
3.	56	26	58	27	75	41	83	50	66	34	69	32	64	43	78	40	61	29	75	43	80	63	84	54	82	72	75	71		
4.	44	20	41	17	64	44	74	46	55	24	58	25	57	38	63	36	46	23	69	29	72	50	78	55	80	66	76	66		
5.	53	15	56	10	72	35	73	29	68	24	66	22	54	25	71	27	57	24	68	26	71	43	73	35	76	66	75	59		
6.	58	20	55	25	79	48	80	46	67	34	68	36	58	38	77	38	52	40	73	33	75	52	77	47	80	51	72	63		
7.	60	24	58	29	74	46	79	46	65	35	66	36	59	34	78	42	55	33	75	41	68	60	81	56	82	63	74	67		
8.	61	24	59	24	70	49	76	52	64	30	63	33	63	34	77	45	58	37	73	51	82	61	80	59	81	71	75	71		
9.	59	24	54	28	73	49	75	50	62	41	54	38	49	34	71	52	47	36	64	46	74	57	73	52	80	71	73	64		
10.	67	27	34	76	39	84	47	66	36	64	39	63	38	78	40	58	36	74	43	79	51	83	69	74	67	80	74	74		
11.	60	32	32	80	43	88	46	74	37	67	36	66	38	83	44	61	36	77	46	86	63	87	57	84	71	77	70			
12.	58	30	35	84	40	89	44	74	30	72	40	63	40	85	43	63	45	82	47	85	56	90	55	88	66	78	67			
13.	50	34	32	64	38	86	55	66	38	80	30	53	29	66	50	50	31	69	43	83	61	83	54	81	69	77	71			
14.	44	27	24	74	46	79	54	62	41	45	33	54	33	74	45	47	36	66	46	84	57	84	74	91	73	73				
15.	40	18	19	57	42	75	43	46	27	35	23	39	24	53	32	40	23	57	32	70	47	76	45	86	74	80	58			
16.	52	18	49	16	65	35	70	29	55	19	61	20	56	23	66	28	51	18	64	31	67	41	67	34	76	63	71	58		
17.	62	25	60	23	79	34	85	34	75	30	67	32	71	40	78	46	66	35	80	27	82	48	87	58	88	66	85	54		
18.	66	27	66	27	83	40	84	42	71	32	72	34	70	41	78	46	66	35	76	41	75	50	79	49	88	66	90	60		
19.	69	29	66	27	84	41	83	44	78	29	78	35	71	35	80	41	69	41	72	39	75	43	83	55	83	55	80	65		
20.	71	30	69	27	90	41	92	44	80	30	81	44	77	48	80	41	72	42	87	40	86	49	86	51	87	50	75			
21.	54	33	67	33	83	48	91	54	72	53	70	45	67	46	81	47	58	35	76	49	94	58	96	59	84	60	78	61		
22.	67	24	65	23	75	43	84	42	70	28	68	27	65	40	75	36	64	33	75	51	77	46	87	67	77	68				
23.	71	32	62	26	83	40	86	41	76	29	71	31	70	39	80	36	68	36	77	41	76	49	87	50	90	53	56			
24.	69	27	60	26	81	39	83	49	75	32	72	32	70	38	76	42	68	35	73	40	72	46	87	50	82	52	56			
25.	73	29	63	29	87	47	82	52	76	34	76	33	76	45	79	42	68	43	73	39	74	38	86	50	75	54				
26.	72	32	65	30	89	53	85	47	82	37	82	36	72	40	84	34	72	40	88	41	84	41	87	82	53	77	58			
27.	75	31	73	30	92	50	90	45	81	40	84	39	75	42	87	44	74	46	88	46	87	47	91	47	86	56	66			
28.	78	35	73	32	93	50	96	54	86	37	87	46	80	47	93	51	75	45	93	55	91	60	95	63	88	57	76	63		
29.	71	44	69	39	90	48	97	52	81	41	81	44	70	48	93	51	70	40	88	57	90	64	96	63	84	54	77	69		
30.	66	32	66	32	87	52	95	61	79	47	79	40	74	39	90	56	69	38	84	48	92	65	97	64	82	52	78	70		
31.																														
Mns.	61.4	26.9	61.3	26.8	78.0	43.7	82.8	45.9	70.2	33.3	68.3	34.0	64.3	37.2	77.8	41.3	60.7	34.4	75.9	41.5	78.8	52.9	82.4	50.9	83.5	63.0	77.3	64.1		

Date.	Texas.																							
	Del Rio.	El Paso.	Fort McIntosh.	Fort Stockton.	Fort Worth.	Galveston.	Hallettsville.	Houston.	Lufkin.	Palestine.	Plainview.	San Antonio.	Seymour.	Taylor.										
	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	Min.	Max.	
1.	67	52	65	42	82	50	58	45	65	54	73	68	74	64	79	61	82	58	69	42	74	59	72	57
2.	78	60	75	43	87	55	80	52	72	58	76	69	76	66	81	65	72	62	77	48	79	64	75	63
3.	82	68	75	52	83	58	86	49	75	65	76	70	75	68	78	67	82	65	80	49	86	55	77	67
4.	85	57	94	44	88	63	82	52	75	53	71	62	76	67	71	71	78	65	80	35	82	52	76	56
5.	76	43	72	37	90	65	76	56	76	48	72	60	70	50	70	54	68	48	75	27	73	49	72	48
6.	79	50	78	56	86	55	78	46	77	49	73	61	72	46	79	51	80	40	76	42	78	37	77	46
7.	77	54	84	54	85	65	82	48	71	55	74	67	76	56	80	59	87	44	87	47	91	44	86	56
8.	82	63	83	54	88	70	80	58	80	62	73	68	75	66	82	62	87	55	90	40	82	52	82	64
9.	91	68	92	54	93	79	80	58	80	62	73	68	75	66	82	62	87	55	91	46	87	52	82	64
10.	75	62	72	46	93	79	87	59	85	60	71	68	67	71	79	64	80	56	86	45	79	57	71	59
11.	85	67	79	55	92	88	90	50	85	66	74	69	76	66	79	64	82	55	87	45	78	54	76	66
12.	88	62	80	50	93	84	94	54	83	59	76	70	75	65	82	62	86	55	90	48	88	52	82	61
13.	77	65	86	44	91	66	85	56	85	57	75	70	79	65	82	67	81	55	82	40	83	52	82	62
14.	90	61	81	47	97	70	83	51	83	60	76	72	79	70	83	70	87	55	91	46	87	52		